

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
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 Young-Jin CHAE et al. ) Group Art Unit: Unassigned  
 )  
 Application No.: Unassigned ) Examiner: Unassigned  
 )  
 Filed: May 30, 2006 ) Confirmation No.: Unassigned  
 )  
 For: RECOMBINANT PEPTIDE VECTOR )  
 COMPRISING THE GENE FOR )  
 TREATMENT FOR AUTOIMMUNE )  
 DISEASES )

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Also enclosed are copies of Form PCT/ISA/408 (Written Opinion of the International Searching Authority), PCT/IPEA/409 (International Preliminary Report on Patentability), and Form PCT/ISA/210 (International Search Report) in connection with the related International Application.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

**U.S. Patent Documents**

- 1) LINSLEY et al., U.S. Patent No. 5,885,579, issued on March 23, 1999.

**Foreign Patent Documents**

- 1) CHAE et al., European Patent Publication No. EP 1 233 066 A2, published on August 21, 2002.
- 2) BRANDÉN et al., International Publication No. WO 00/15824, published on March 23, 2000.

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FIRST Information Disclosure Statement

Application No. Unassigned

Attorney's Docket No. 1012679-000122

Page 2

1AP20 Rec'd PCT/PTO 30 MAY 2006

Non-Patent Literature Documents

- 1) TAKIGUCHI et al., "CTLA4IgG Gene Delivery Prevents Autoantibody Production and Lupus Nephritis in MRL/*pr* Mice," Life Sciences, 2000, vol. 66, no. 11, pp. 991-1000, Elsevier Science, Inc., New York, New York.
- 2) FINCK et al., "Treatment of Murine Lupus with CTLA4Ig," Science, 1994, vol. 265, no. 5176, pp. 1225-1227, American Association for the Advancement of Science, Washington, D.C.
- 3) ZANTA et al., "Gene delivery: A single nuclear localization signal peptide is sufficient to carry DNA to the cell nucleus," Proc. Natl. Acad. Sci., U.S.A., 1999, vol. 96, pp. 91-96, National Academy of Sciences, Washington, D.C.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

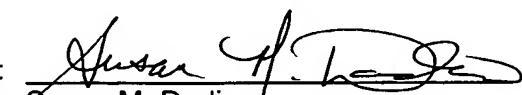
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date May 30, 2006

By:

  
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Substitute for form 1449A/PTO & 1449B/PTO				Complete if Known	
<b>FIRST</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>				Application Number	Unassigned <b>1012679-000121</b>
				Filing Date	April 28, 2006
				First Named Inventor	Tae-yoon Kim et al.
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	1012679-000121

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	TAKIGUCHI et al., "CTLA4IgG Gene Delivery Prevents Autoantibody Production and Lupus Nephritis in MRL/lpr Mice," <u>Life Sciences</u> , 2000, vol. 66, no. 11, pp. 991-1000, Elsevier Science, Inc., New York, New York.
	FINCK et al., "Treatment of Murine Lupus with CTLA4Ig," <u>Science</u> , 1994, vol. 265, no. 5176, pp. 1225-1227, American Association for the Advancement of Science, Washington, D.C.
	ZANTA et al., "Gene delivery: A single nuclear localization signal peptide is sufficient to carry DNA to the cell nucleus," <u>Proc. Natl. Acad. Sci., U.S.A.</u> , 1999, vol. 96, pp. 91-96, National Academy of Sciences, Washington, D.C.

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.